

Work Order ID 65348

January 12, 2011 2:00:42 PM



Page 1

Item ID: D4193-3	Accept		Setup	Start	
Revision ID: PRELIM				Stop	
Item Name: Pin					
Start Date: 1/12/11	Start Qty: 2.00		Cust Item ID:		
Required Date: 1/28/11	Req'd Qty: 2.00		Customer:		

Reference:

Approvals:	Process Plan: <u>CL</u>	Date: <u>11/01/12</u>	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
D4193	PA1 <u>PA2</u>								

100	Hardinge CNC LATHE SMALL	0.00							
-----	--------------------------	------	--	--	--	--	--	--	--

	Hardinge	Memo	0.00						
Hardinge CNC Lathe Small		1-TURN AS PER FOLIO FA981 & DWG FOLIO REV:		ISSUE #0:	13391				
		DWG REV:		Sup: McMAST.					

	2-DEBURR AS REQUIRED			P/N: 97395A433					
--	----------------------	--	--	----------------	--	--	--	--	--

110	QC2- Inspect parts off machine FA1/FA1B	0.00							
-----	--	------	--	--	--	--	--	--	--

	PACK.	RECEIVE & INSP.	0.00						
QC		Memo							
Quality Control		FOR DAMAGE							



11/01/12 (10)

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

PRELIMINARY ISSUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 65348

January 12, 2011 2:00:42 PM



Page 2

Item ID: D4193-3

Accept



Setup Start



Revision ID: PRELIM

Stop



Item Name: Pin

Start Date: 1/12/11 Start Qty: 2.00



Cust Item ID:

Required Date: 1/28/11 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120



QC6.
Quality Control

QC6. 1-01-28

~~QC8 - inspect parts - second check~~

QC6.

Memo

0.00 - inspect to PA2

0.00

*Dry only
Subtotal*

130



Packaging

Packaging

Identify as per dwg & Stock Location: _____

Memo

0.00

0.00

Call

140



QC

Quality Control

QC21 - Final Inspection - Work Order Release

Memo

0.00

0.00

*11-06-9
10*

POSITIVE RECALL

EFFECTIVE *1/12/11* AUTH *[Signature]*

RELEASED _____ DATE _____

RD 1334

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

January 12, 2011 2:00:41 PM

Work Order ID: 65348

Parent Item: D4193-3

Parent Item Name: Pin



Start Date: 1/12/11

Required Date: 1/28/11

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 10-10-19 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M4130NR0.375 		Purchased	No			100	f	11.7500	0.08	0.168421			
4130 steel RD bar .375"													

Location

Loc Qty

Loc Code

MAT032

11.75

108059

11.75

97395A433

365348

X 10

[Handwritten signature] 1/12/11 (10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

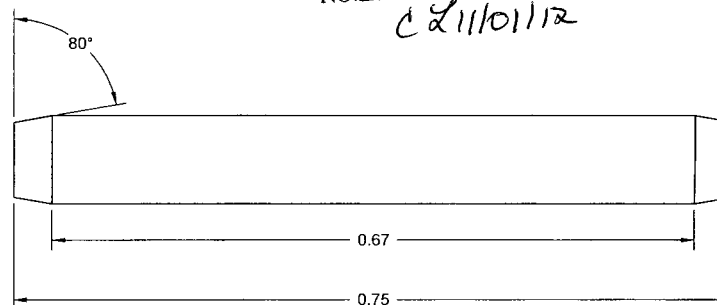
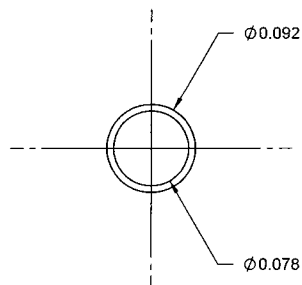
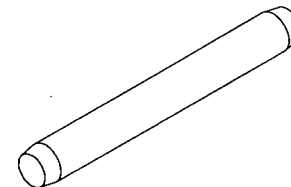
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

G10 G20 POKO Z

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 65348
C211/0112



D4193-3 PIN

NOTES:

- 1) MATERIAL: AISI 4130N STEEL BAR
PER MIL-S-6758
OR AMS 6345/6348/6370/6528
REF DART SPEC M4130N-B
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. PA1
MFG. APPR.		D4193	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		RVDT ADAPTER	NTS
DATE	10.09.24	COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

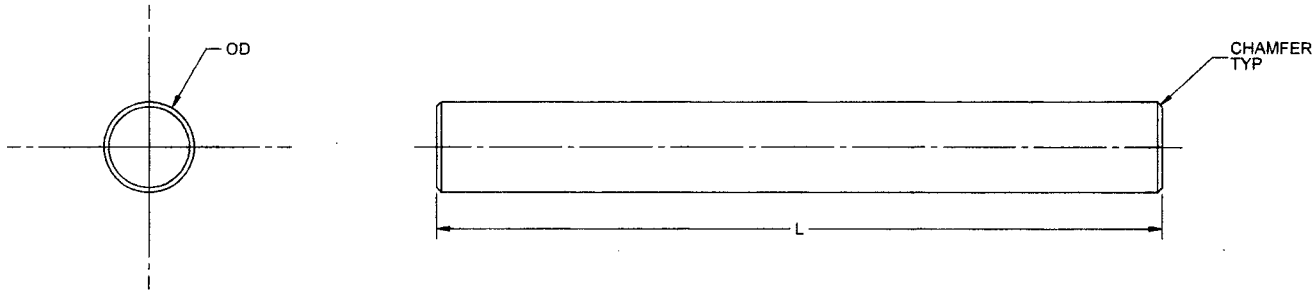
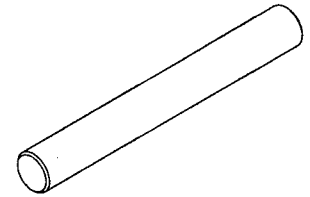
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

w/o 65348

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	DESCRIPTION	SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	DIAMETER "OD"	LENGTH "L"
D4193-3	PIN	McMASTER-CARR	97395A433	316 STAINLESS STEEL	0.094	0.75

D4193-X PIN

PRELIMINARY ISSUE

10.09.24

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. PA2
MFG. APPR.		D4193	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		RVDT ADAPTER	NTS
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13391

Purchase Order Date 1/28/11

PO Print Date 1/28/11

Page Number 1 of 1

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name

Vendor Phone 330 995 5500

Vendor Fax 330 995 9600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
(1/10/11)

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1		6918T38 ANTISLIP DRAINAGE MAT	2/01/11 Yes	1.00	Purolator ground	\$181.2100	\$181.21
2	<u>Deliver To: HANK</u> 97395A433	Pin	2/01/11 Yes	10.00 Each	Purolator ground	\$0.6750	\$6.75
Special Inst: AS PER DWG D4193 REV. PA2 B65348 MCMaster P/N: 97375A433							
PO Total:							\$187.96

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr: 2

Change Date: 1/28/11

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



Purchase Order
PO13391

Page 1 of 1

200 Aurora Industrial Parkway
Aurora OH 44202
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

McMaster-Carr Number
3056376-01

01/28/2011

A91

Line	Description	Ordered	Shipped			
1	6918T38 Antislip Vinyl Drainage Mat, 36" Width X 120" Length, 7/16" Thick, Black	1 Each	1	8 - 65 - 39	89 - 61 T38	1 EA 1
	Unit Price: \$181.21			39 lbs		
	Extended Price: \$181.21					
2	97395A433 Type 316 Stainless Steel Dowel Pin, 3/32" Diameter, 3/4" Length, Packs of 10	1 Pack	1	2 - 690		2
	Unit Price: \$6.75					
	Extended Price: \$6.75					

*Sulazlor
to 172 Day.*

Charges for this shipment

Merchandise Amount: \$187.96
Sales Tax: \$9.40
Total: \$197.36

Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog.

Jason Wolfe

Jason Wolfe
Compliance Manager

Dart Aerospace Ltd

EXP

Un

39 lbs
2 lines

FW1RFV35
01/28/2011
14:06/14:22
709
Cycle 46

SS-R-0707

1102851397603

